(19) World Intellectual Property Organization International Bureau



(43) International Publication Date 29 September 2005 (29.09.2005)

PCT

(10) International Publication Number WO 2005/090103 A1

(51) International Patent Classification7:

B60F 3/00

(21) International Application Number:

PCT/F12004/000764

(22) International Filing Date:

15 December 2004 (15.12.2004)

(25) Filing Language:

Finnish

(26) Publication Language:

English

(30) Priority Data: 20040436

23 March 2004 (23.03.2004)

(71) Applicant and

(72) Inventor: KOSKINEN, Kalevi [FI/FI]; Saarnikuja 30, FI-27230 Lappi (FI).

(74) Agent: KANGASMÄKI, Reijo; Finnish Patent Consulting FPC, Hermiankatu 14, FI-33720 Tampere (FI).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM,

AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

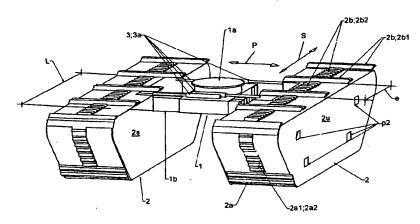
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: PONTOON CRAWLER TRACK ASSEMBLY



(57) Abstract: Pontoon crawler track assembly, which is intended to be used as a crawler-track-driven undercarriage in a working machine (T), such as an excavator, a drilling or a piling machine or like, operating particularly in water, which comprises a mounting frame (1) and pontoon mambers (2). The mounting frame (1) has coupling means (1a) to couple the pontoon crawler track assembly with the working machine (T) and fastening means (1b) for attachment of the box-structured, hollow pontoon members (2) at the sides of the mounting frame (1), whereby each pontoon member (2) is equipped with a crawler track arrangement (2b), which is arranged moveable by way of an internal power transmission arrangement (2a). Furthermore the breadth of the pontoon crawler track assembly is arranged adjustable. The pontoon crawler track assembly has actuators (3) for adjusting its breadth in a way that a working machine equipped with the pontoon crawler track assembly may be brought, by changing the distance between its pontoon members (2) by means of said actuators, operating by auxiliary power, first of all into a narrowed posotopn (H1) particularly with a view to road transportation or the like and on the other hand into a broadened position (H2) particularly with a view to operating in water.

0.2005/090103 A1